

## EAST Search History

## EAST Search History (Prior Art)

| Ref # | Hits | Search Query   | DBs                       | Default Operator | Plurals | Time Stamp       |
|-------|------|--|---------------------------|------------------|---------|------------------|
| L1    | 129  | (scanning near2 barcode) with (printing)   | US-PGPUB; USPAT; EPO; JPO | OR               | ON      | 2009/12/22 10:13 |
| L2    | 4    | (scanning near2 barcode) with (printing near3 (document job))  | US-PGPUB; USPAT; EPO; JPO | OR               | ON      | 2009/12/22 10:15 |
| L3    | 13   | (scanning near2 (barcode bar-code (bar adj code))) with (printing near3 (document job))                | US-PGPUB; USPAT; EPO; JPO | OR               | ON      | 2009/12/22 10:16 |
| L4    | 27   | ((reading scanning) near2 (barcode bar-code (bar adj code))) with (printing near3 (document job))      | US-PGPUB; USPAT; EPO; JPO | OR               | ON      | 2009/12/22 10:18 |
| L5    | 14   | l4 not l3  | US-PGPUB; USPAT; EPO; JPO | OR               | ON      | 2009/12/22 10:19 |
| L6    | 3    | ((reading scanning) near2 (rfid)) with (printing near3 (document job))                                 | US-PGPUB; USPAT; EPO; JPO | OR               | ON      | 2009/12/22 10:36 |
| L7    | 6    | ((reading scanning) near2 (rfid)) same (printing near3 (document job))                                 | US-PGPUB; USPAT; EPO; JPO | OR               | ON      | 2009/12/22 10:37 |
| L10   | 58   | database with (stor\$3 sav\$3) same ((apparatus printer) near2 (id identification)) same (application) | US-PGPUB; USPAT; EPO; JPO | OR               | ON      | 2009/12/22 11:38 |
| L11   | 5301 | ((bar code) near2 (reader) rfid) near2 ("2" two)   | US-PGPUB; USPAT; EPO; JPO | OR               | ON      | 2009/12/22 11:38 |
| L12   | 47   | L11 and "358".clas.  | US-PGPUB; USPAT; EPO; JPO | OR               | ON      | 2009/12/22 11:38 |

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|-----|-------|--|---|----|-----|---------------------|
| L13 | 4803  | (235/492).CCLS.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | OFF | 2009/12/22<br>11:38 |
| L14 | 1033  | ((identification id<br>near3 (determin\$5<br>detect\$3)) and<br>((database (data adj<br>record) structure<br>(collection near2<br>data)) with (stor\$3 sav<br>\$3)) and (paper<br>(recording near3<br>(medium means))) and<br>((retriev\$3 obtain\$3<br>near3 ((identification<br>id) near3 (data<br>information))) and<br>(control\$3 same print) | US-PGPUB;<br>USPAT;<br>EPO; JPO           | OR | ON  | 2009/12/22<br>11:38 |
| L15 | 1     | L13 and L14  | US-PGPUB;<br>USPAT;<br>EPO; JPO           | OR | ON  | 2009/12/22<br>11:38 |
| L16 | 20843 | (358/1.11-1.18).CCLS.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | OFF | 2009/12/22<br>11:38 |
| L17 | 10155 | (ID identification)<br>near2 (RFID near2<br>tag)   | US-PGPUB;<br>USPAT;<br>EPO; JPO           | OR | ON  | 2009/12/22<br>11:38 |
| L18 | 459   | L17 same (paper<br>sheet)  | US-PGPUB;<br>USPAT;<br>EPO; JPO           | OR | ON  | 2009/12/22<br>11:38 |
| L19 | 20    | L18 and L16  | US-PGPUB;<br>USPAT;<br>EPO; JPO           | OR | ON  | 2009/12/22<br>11:38 |
| L20 | 5301  | ((("bar code" near2<br>reader) rfid) near2<br>("2" two)  | US-PGPUB;<br>USPAT;<br>EPO; JPO           | OR | ON  | 2009/12/22<br>11:39 |
| L21 | 4803  | (235/492).CCLS.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | OFF | 2009/12/22<br>11:39 |
| L22 | 185   | L21 and L20  | US-PGPUB;<br>USPAT;<br>EPO; JPO           | OR | ON  | 2009/12/22<br>11:39 |

|     |     |  |   |    |     |                     |
|-----|-----|--|---|----|-----|---------------------|
| L23 | 168 | (186/61).CCLS.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | OFF | 2009/12/22<br>11:40 |
| L24 | 2   | L20 and L23  | US-PGPUB;<br>USPAT;<br>EPO; JPO           | OR | ON  | 2009/12/22<br>11:40 |
| L25 | 415 | (paper sheet) near2<br>(RFID near2 tag)  | US-PGPUB;<br>USPAT;<br>EPO; JPO           | OR | ON  | 2009/12/22<br>11:41 |
| L26 | 113 | L25 same (ID<br>identification)  | US-PGPUB;<br>USPAT;<br>EPO; JPO           | OR | ON  | 2009/12/22<br>11:41 |
| L27 | 144 | (koichiro near2 suzuki).<br>in.  | US-PGPUB;<br>USPAT;<br>EPO; JPO           | OR | ON  | 2009/12/22<br>11:42 |
| S1  | 60  | ((identification id)<br>near3 (determin\$<br>detect\$3)) same<br>((database (data adj<br>record) structure<br>(collection near2<br>data)) with (stor\$3 sav<br>\$3)) and (paper<br>(recording near3<br>(medium means))) and<br>((retriev\$3 obtain\$3)<br>near3 ((identification<br>id) near3 (data<br>information))) and<br>(control\$3 same print) | US-PGPUB;<br>USPAT;<br>EPO; JPO           | OR | ON  | 2008/03/10<br>17:49 |
| S2  | 1   | 10/447091  | US-PGPUB;<br>USPAT;<br>EPO; JPO           | OR | ON  | 2008/03/10<br>18:00 |
| S3  | 1   | 10/775091  | US-PGPUB;<br>USPAT;<br>EPO; JPO           | OR | ON  | 2008/03/10<br>18:00 |

|     |      |  |                           |    |    |                  |
|-----|------|--|---------------------------|----|----|------------------|
| S4  | 737  | ((identification id) near3 (determin\$5 detect\$3)) and ((database (data adj record) structure (collection near2 data) with (stor\$3 sav \$3)) and (paper (recording near3 (medium means))) and ((retriev\$3 obtain\$3) near3 ((identification id) near3 (data information))) and (control\$3 same print)) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2008/03/10 19:00 |
| S5  | 193  | S4 and "358".clas.   | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2008/03/10 19:01 |
| S6  | 6447 | ((identification id) near3 (determin\$5 detect\$3)) and (((scan \$4 "bar code") near2 reader) rfid)  | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2008/03/11 17:46 |
| S7  | 5593 | ((identification id) near3 (determin\$5 detect\$3)) and (("bar code" near2 reader) rfid)   | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2008/03/11 17:46 |
| S8  | 105  | S7 and "358".clas.   | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2008/03/11 17:47 |
| S9  | 3606 | ((("bar code" near2 reader) rfid) near2 ("2" two)  | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2008/03/12 18:02 |
| S10 | 27   | S9 and "358".clas.   | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2008/03/12 18:02 |
| S11 | 3133 | (detection near3 unit) near2 ("2" two)   | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2008/03/12 18:05 |
| S12 | 78   | S11 and "358".clas.  | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2008/03/12 18:06 |
| S13 | 25   | (cash near2 register) same (("2" two) near2 (bar adj code) near2 (reader scanner))   | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2008/03/13 15:53 |

|     |      |  |                                 |    |    |                     |
|-----|------|--|---------------------------------|----|----|---------------------|
| S14 | 6    | database with (stor\$3 sav\$3) same (printer near2 (id identification)) same (application)             | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON | 2008/03/13<br>16:40 |
| S15 | 0    | database with (stor\$3 sav\$3) same (printer near2 (id identification)) same (software)                | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON | 2008/03/13<br>16:45 |
| S16 | 10   | database with (stor\$3 sav\$3) same ((apparatus printer) near2 (id identification)) same (software)    | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON | 2008/03/13<br>16:46 |
| S17 | 43   | database with (stor\$3 sav\$3) same ((apparatus printer) near2 (id identification)) same (application) | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON | 2008/03/13<br>16:50 |
| S18 | 1716 | (paper sheet) with (RFID)  | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON | 2008/03/13<br>17:23 |
| S19 | 462  | (paper sheet) near2 (RFID)   | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON | 2008/03/13<br>17:23 |
| S20 | 238  | (paper sheet) near2 (RFID near2 tag)   | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON | 2008/03/13<br>17:23 |
| S21 | 15   | S20 and "358".clas.  | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON | 2008/03/13<br>17:25 |
| S26 | 3    | "20020109856"<br>"20020109758"   | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON | 2008/03/13<br>19:57 |

|     |      |   |                           |    |    |                  |
|-----|------|---|---------------------------|----|----|------------------|
| S37 | 830  | ((identification id near3 (determin\$5 detect\$3)) and ((database (data adj record) structure (collection near2 data)) with (stor\$3 sav\$3)) and (paper (recording near3 (medium means))) and ((retriev\$3 obtain\$3) near3 ((identification id) near3 (data information))) and (control\$3 same print)) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2008/09/12 23:49 |
| S39 | 23   | ("5243381"   "5444518"   "5448375"   "5548666"   "5754308"   "5859935").PN. OR ("6466329").URPN.  | US-PGPUB; USPAT; USOCR    | OR | ON | 2009/01/27 18:11 |
| S53 | 7    | database with (stor\$3 sav\$3) same (printer near2 (id identification)) same (application)  | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2009/08/13 21:24 |
| S54 | 9418 | (ID identification) near2 (RFID near2 tag)  | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2009/08/13 21:25 |
| S55 | 426  | S54 same (paper sheet)  | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2009/08/13 21:25 |

## EAST Search History (Interference)

| Ref # | Hits | Search Query   | DBs                   | Default Operator | Plurals | Time Stamp       |
|-------|------|--|-----------------------|------------------|---------|------------------|
| L29   | 0    | (database with (stor\$3 sav\$3) same ((apparatus printer) near2 (id identification)) same (application) same ((reading scanning) near2 (barcode bar-code (bar adj code))) with (printing near3 (document job))).clm. | US-PGPUB; USPAT; UPAD | OR               | ON      | 2009/12/22 11:43 |

|     |    |                                |                             |    |    |                     |
|-----|----|--------------------------------|-----------------------------|----|----|---------------------|
| L30 | 23 | (koichiro near2<br>suzuki).in. | US-PGPUB;<br>USPAT;<br>UPAD | OR | ON | 2009/12/22<br>11:43 |
|-----|----|--------------------------------|-----------------------------|----|----|---------------------|

12/ 22/ 2009 11:44:19 AM

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